



MONICA A-1912080@nec



0/10



22



0



0



792



1519

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DAILY CHALLENGE

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SkillRack

Sum of product of every two digits

The program must accept an integer N as the input. The program must print the sum of the product of every two digits in the integer N.

Note: If a two digit number is not formed in the last part of the integer N, then consider only the last digit.

Boundary Condition(s):

 $1 \leq N \leq 10^{17}$

Input Format:

The first line contains the value of N.

Output Format:

The first line contains the sum of the product of every two digits in the integer N.

Example Input/Output 1:

Input:

1234567

Output:

800

Explanation:

$12 \times 34 + 56 \times 7 \rightarrow 408 + 392 \rightarrow 800$

Example Input/Output 2:

Input:

120014

Output:

14

Explanation:

 $12 \times 0 + 14 \rightarrow 0 + 14 \rightarrow 14$ **Max Execution Time Limit: 5000 millisecs**

Ambiance



Java (12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         String a=sc.nextLine();
7         ArrayList<Integer> arr=new ArrayList<>();
8         int sum=0;
9         for(int i=0;i<a.length();i+=2){
10             if(i==a.length()-1){
11                 int b=Integer.parseInt(String.valueOf(a.charAt
12                     arr.add(b);
13                     //System.out.print(b);
14                 }
15             else{
16                 int b=Integer.parseInt(String.valueOf(a.charAt(i)+
17                     arr.add(b);
18
19
20                 }
21             }
22             // System.out.print(arr);
23             for(int i=0;i<arr.size();i+=2){
24                 if(arr.size()-1==i){
25                     sum+=arr.get(i);
26                 }
27             else{
28                 sum+=arr.get(i)*arr.get(i+1);
29             }
30         }
31         System.out.print(sum+" ");
32
33     }
34 }
```

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Code did not pass the execution

Input:

120014

Expected Output:

14

Your Program Output:

0

Save

Run



Run with a custom test case (Input/Output)